

French Polynesia - FO The DXpedition by JA1BK and NX1L to the Australes and Marquesas Islands has been denied the use of the /M and /A suffixes. They will use their regularly assigned call signs of FO0MIZ and FO0AKI instead. While all FO0AKI contacts will be from the Marquesas, the location of the FO0MIZ operations depends on date. Contacts on May 27-30 are from the Australes, and May 25-26 and May 31 are from Tahiti. FO0MIZ has been noted on 18071 and 10101 kHz on CW and 18110-113 and 14195 kHz on SSB.

Corsica - TK Seven members of the Milan (Italy) ARI will operate as TK/IK2QIN/p June 15-20, on 80-10 meters, SSB, CW, and RTTY. They'll have two stations active on HF. QSL to Magni Renato IK2QIN, Via Natta 15-D, 20151 Milano, Italy.

Edited by Chod Harris VP2ML

The DX Bulletin

America's Premier Weekly Amateur Radio Publication

Liechtenstein - HB0 Nine members of the Eindhoven Students Radio Amateur Club (PI5EHV/PI4TUE) will operate from 2,010-meter-high Sareiser Joch in Malbun, Liechtenstein July 6-11. Requested call sign is HB0TUE; if denied, they'll use the operators' PA/PE calls HB0/. QSL all contacts via PI4TUE, direct or via the PA bureau. They'll be active on all bands, including entries in the IARU HF Championship and the WPX V/UHF tests.

St. Paul Island - CY9 Randy Rowe N0TG, Murray WA4DAN, Bob KW2P, and Ron AA4VK will operate /CY9 Sept. 19-25 from St. Paul, on 160-10 meters, CW and SSB. QSL to N0TG at 640 Rolling Hills Drive, Waxahachie TX 75165.

Shortly Noted

- **SM6FJY**, who has been active recently D2/ from Angola, will be operating from several Pacific locations over the next few months. Look for him from the Mariana Islands **KH0** June 13-26, **Guam KH2** June 27-July 10, and **Belau KC6** July 11-24, before returning to Angola in August.
- **ZF2GT** June 23-30 is Randy Rowe N0TG, emphasizing CW and the new bands. QSL home call.
- **A35RK** Paul Kidd KK6H has been noted on 7007± kHz at 1130Z+ and 21025 kHz 2300Z+.
- **FY/DJ0PJ** is active from French Guiana until June 5.
- **C56/G0UCT** and **C56/DK2OC** are active on 80-10 meters, CW, SSB, and RTTY, until June 17. QSL C56/G0UCT to G1GMZ and C56/DK2OC to DK2OC. (DXNS.)
- **C93BQ** is Mitsu JH8OUZ from Mozambique until the middle of June; QSL JH8OUZ. (DXPress.)
- **H44/JA1OEM** is active until June 10; try 3505 kHz at 0935Z, 7006 kHz at 1045Z, 10103 at 07 and 1400Z, and 80/40 at 1300Z+.
- **OH0/DJ2PJ** and **OH0/DL5FF** are active from Aland Island to June 12, emphasizing CW. (DXMB.)
- **HB0/DA1WA** is active on CW and RTTY and the low bands to June 8; QSL to DJ0LC. (DXMB.)
- **TY1IJ** is DJ4IJ until early July, concentrating on SSB on the new bands. (DXMB.)
- **UA0AP** Gena is active on 17 meters from CQ Zone 18, on SSB at 11-1400Z.
- **Silent Key: W2GHK** Stu Meyer. Stu was a member of the CQ DX Hall of Fame, and long-time organizer of DXPOs in the Washington, DC. area.
- **SSB Nets: T5/EI5C** is active from Somalia until August, and checks into the net on 14226.5 kHz (11,18Z). Other check-in are: P29WK TU2JL 4L4TL AH8A ZF2WQ VP5JM LZ1QI V73OR OY1HJ T32LN VU2DK 5X1C VR6DB; 14247 (21Z): VP2VF V44KBC R1FJC 5N8NDP VU2DK ER5DX FY5GJ SV1CIV Z31ET TA1AR.
- **Six meters: WC9E/CY9** is the probable call on Six of the June 11-16 St. Paul operation, by WB4DBB and W4DR, on 50110 and 50125 kHz, looking for MS and E-skip propagation. Grid square is FN-97.

Islands On The Air

- **EJ2SI** is the call of the Grantham Radio Club June 10-14 from Saltee Island (EU-103). Try the IOTA frequencies of 14260 and 21260, and 5-10 kHz up on CW. QSL to P. O. Box 55, Grantham, Lincs, England. (DXNS.)
- **WT20/VE1** and **K5MK/VE1** will operate from McNutt Island (NA-126) June 17-19 on 80-10 meters. Try 14260, 21260, and 28460 kHz on SSB and 30 kHz up (+7005) on CW. QSL all contacts to K5MK, with SASE, or via the bureau.

Propagation Forecast and Historical Data

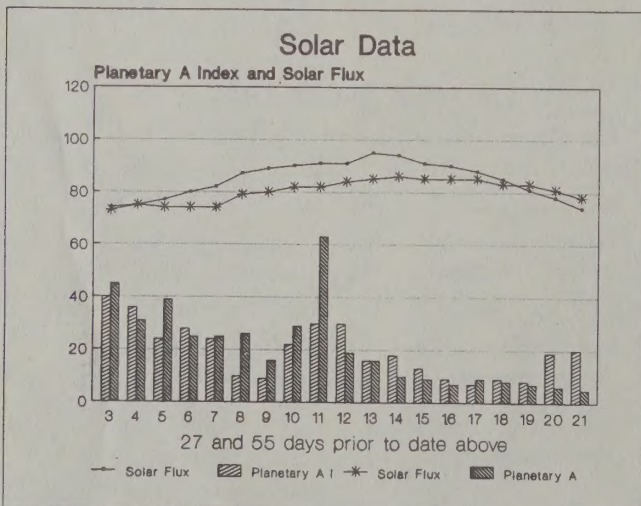
Day	Forecast	27 Days Before	55 Days Before
June 1994	Date	Flux A K	Date Flux A K
3	Disturbed	5/7 74 27/40 4	4/9 73 34/45 4
4	Disturbed	5/8 75 24/36 3	4/10 75 25/31 3
5	Below Normal	5/9 77 26/24 3	4/11 74 32/39 3
6	Below Normal	5/10 80 18/28 2	4/12 74 17/25 3
7	Below Normal	5/11 82 22/24 3	4/13 74 23/25 4
8	High Normal	5/12 87 10/10 1	4/14 79 19/26 3
9	High Normal	5/13 89 06/09 1	4/15 80 15/16 2
10	Low Normal	5/14 90 15/22 2	4/16 82 23/29 4
11	Below Normal	5/15 91 18/30 3	4/17 82 63/130 2
12	Below Normal	5/16 91 26/30 3	4/18 84 17/19 3
13	Low Normal	5/17 95 16/16 2	4/19 85 17/16 2
14	Low Normal	5/18 94 19/18 2	4/20 86 13/10 1
15	High Normal	5/19 91 15/13 1	4/21 85 13/09 2
16	High Normal	5/20 90 09/09 1	4/22 85 07/07 2
17	High Normal	5/21 88 06/07 2	4/23 85 06/09 2
18	High Normal	5/22 85 07/09 2	4/24 83 09/08 1
19	High Normal	5/23 81 06/08 2	4/25 83 06/07 2
20	Low Normal	5/24 78 18/19 3	4/26 81 07/06 2

Propagation Watch

The dreaded Killer Koronal hole returned on schedule at the end of May. The three-hourly Boulder K index jumped from zero to six in the span of only six hours on May 28th, marking the end of the good conditions that prevailed during the prior ten days.

Even more disturbing has been the dramatic drop in solar activity. Following a slight rise in May, solar flux dropped back into the 60s again at the end of the month. The sun was completely spotless for several days beginning on May 27. At this level of solar flux, even a slight decline can essentially eliminate propagation on one or more of the higher bands. A drop of five points can take out one band, and ten points can drop the maximum useable frequency down through two bands.

We expect to see below normal (or worse) conditions until mid-June, with a possible respite June 8-9. Solar flux should increase to mid-month. Let's hope it gets back to the 90 range, which will improve conditions on 17 and 15 meters. Meanwhile 20 meters remains the primary DX band, with some worthwhile openings on 30 and 40 meters. Don't forget to call CQ on the higher bands once in a while; they're open more than activity suggests.



Japanese 75-Meter Window

by Masa JH3VNC

On May 20th, the Japanese Postal and Telecommunications services announced the release of an additional 75-meter band window for amateur use: 3747-3754 kHz. Thus Japanese amateurs may now use 3500-3575, 3747-3754, and 3791-3805 kHz. This is available for all HF license classes. The Japanese continue to push for additional operating frequencies on 80 and 160 meters.

Operation Accredited for DXCC

Documentation has been received and approved for the following operations:

Call: Operations Beginning (dd/mm/yy):

3D2KR	25/2/94
3D2LA	25/2/94
3Y0PI	29/1/94
5R8KH	21/10/93
9N1BD	25/8/93
9U5DX	8/10/93
A25/WD8NMV	15/3/93
ET3RA	22/11/92
S21ZW	26/10/93
TU4EI	22/9/93
VP2EDK	23/9/93
XF4CI	15/12/94
XU9M	3/3/93
XU9R	3/3/93
ZF2CF	1/3/94
ZF2QA	21/1/91

Northwest DX Convention

The British Columbia DX Club sponsors the Northwest DX Convention July 22-24, at the Richmond Inn, Richmond BC. Registration, including the Saturday banquet and Sunday breakfast, is US\$45. (Programs only CAN\$15; banquet and breakfast only CAN\$35.) Send your check to the BC DX Club, P. O. Box 3048, Blaine WA 98230. Specify salmon or prime rib for the banquet. Make your own reservations at the Richmond Inn; call them at 604-273-7878 before June 22.

DX Publications Available

Duane Heise AA6EE is offering discount prices on the 1994 *Callbooks* (Flying Horse). Either edition (North American or International) is US\$24.90, or both for US\$46.90. *Callbook Supplement* (available June 15) is US\$12.90. *Antennas & Techniques for Low-Band DXing* by ON4UN is US\$18.90. February 1994 DXCC Countries List US\$2.90. Buckmasters HamCall CD-ROM (April 1994) US\$44.90. All postpaid in the US. California residents add 7% tax. Foreign orders add US\$4.50 per item for surface mail. Send check to Duane at 16832 Whirlwind, Ramona CA 92065.

Worldwide South American CW Contest

The WWSA CW contest runs 1500Z Saturday June 11 to 1500Z Sunday June 12, on 80, 40, 20, 15, and 10 meters. Send RST and serial number. Contacts with your own country are zero points; with own continent two points; with another continent four points; and with South American stations eight points. Multipliers are DXCC countries plus South American prefixes. Complete rules are available from The DX Bulletin for an SASE.

B • A • N • D • P • A • S • S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.
All "portable" calls listed with country of operation first, regardless of format used on the air.

S	M	T	W	T	F	S
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18

RTTY

4X6UO	14088	0400	21	CA
5N5AAS	14086	2112	24	FL
7X2DS	14086	2113	23	ID
A35RK	14086	0250	27	CA
ISØQDV	14084	2238	25	FL
LA7AJ	14084	0700	22	CA
SV5/	14093	2239	25	FL
DL6RAI				
V21PI	14081	0010	22	CA

160 Meters

VK2DPS	1832	1200	25	ID
VK3DQW	1832	1204	25	ID
VK4YB	1832	1120	24	ID
ZL2AIC	1832	1208	20	CA

80 Meters

JA1HQT	3501	0947	21	NH
VK4EET	3503	0945	21	NH
VK7KJ	3502	0940	21	NH

75 Meters

CX9AJ	3795	0905	21	MD
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40 Meters

3D2QB	7005	0817	23	CA
5W1GC	7002	1007	21	NH
6W1/	7001	0013	17	VA
F5PHW				
9J2BO	7006	0400	18	IA
9M2AX	7009	1125	22	ID
A35RK	7006	1136	22	AL
CP6UH	7006	0914	19	CA
EA6ABK	7009	0501	21	IA
FK8FU	7008	1129	20	IA
H44GE	7008	1200	17	CA
HL9HH	7002	1105	21	AL
KG4DX	7005	0239	28	FL
KH8BB	7003	0855	24	CA
OY1CT	7004	2349	24	FL
PYØFF	7020	0005	22	CA
SV8ZC	7011	0344	22	MA
SV9/	7005	0054	26	FL
HA6NY				
TR8XX	7006	0448	18	IA
UAØZAJ	7006	1000	18	CA
UAØZC	7005	0840	22	CA
V44KAO	7005	0113	17	VA
VK9NS	7004	1013	21	NH
YC9XR	7010	1116	19	AL
YS1XS	7010	0814	18	CA
Z21HS	7004	0442	21	IA
ZA1J	7003	0152	14	VA
ZXØF	7007	0235	28	FL

30 Meters

5B4OG	10101	0051	26	FL
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9K2ZZ	10101	0138	13	NY
CO6CG	10102	1035	18	AL
EA8CN	10101	2347	24	FL
ĠJ/K2WR	10106	2316	26	FL
HV4NAC	10107	2330	27	FL
LU6EF	10101	1032	18	AL
V63DX	10105	1150	17	AL
V73C	10108	1142	19	AL
VK9NS	10106	1155	19	AL
Z21HS	10103	0510	20	KS
ZS6QU	10105	1410	15	CA

20 Meter CW

3B8FG	14025	1222	19	AL
4F2IR	14007	1347	21	IL
4K2BY	14007	0052	27	FL
4K2MAL	14001	1330	22	IA
5NØAIP	14027	0115	19	CA
5R8AL	14040	0435	20	NY
7X2AB	14004	2136	13	NH
7X4AN	14005	2230	15	MI
9J2BO	14027	1153	22	IA
9K2ZZ	14005	2210	22	IA
9M2AX	14023	1229	21	IA
9V1XR	14013	1541	24	ID
A71AN	14006	2032	22	IA
BV4ME	14025	1204	21	IL
BV7FC	14010	1210	21	AL
C53X	14011	2214	22	IA
CP1OZ	14014	1155	21	IL
CP6GK	14017	2344	26	FL
EA8CN	14015	1950	19	SC
EK6LF	14019	2208	25	FL
EL2FD	14007	2153	22	AL
ER1CW	14029	2158	22	GA
ER5AL	14006	2157	25	FL
EY8JA	14004	0152	20	IA
FO5DV	14001	0809	20	CA
FO5OU	14007	0037	26	FL
FR5DD	14032	0330	21	SC
GB5ØDD	14004	2357	25	FL
HC5AI	14018	0101	27	FL
HL3IWD	14018	1102	22	MA
HR1LW	14045	0003	13	NY
HT1T	14017	0020	24	FL
ISØ/	14016	0042	26	FL

YO3RA				
KH8BB	14028	0905	18	CA
NH2G	14008	2228	28	FL
OH3JF *	14014	0728	22	CA
OX3GX	14025	1345	17	MI
OZ8RO *	14008	0805	22	CA
PJ2AM	14026	2143	14	GA
PZ1DY	14026	1145	21	IL
PZ1EH	14006	1717	22	FL
R1FJC	14005	2157	18	CO
RWØLMF	14012	1239	22	IL
RX3AJF *	14027	0549	24	CA
SV1BSX	14011	2221	24	FL
SV9/	14022	2133	27	FL
HA6NY				
SV9/	14025	2310	27	FL
HA6ZV				
SV9BAI	14008	2159	25	FL

T32AF	14007	0300	17	KS
T91EL	14031	2200	14	NY
UAØKAH	14030	1318	23	IA
UNØPYL	14018	1329	21	IL
UN1T	14017	0056	23	FL
UN9PYL	14024	0323	26	FL
UX5I	14036	1250	28	FL
UX9IO	14025	0242	19	SC
V73C	14031	1213	21	IL
V85KX	14013	1241	20	IA
VE8RAF	14056	2135	25	FL
VR2IH	14013	1152	21	IL
VY2EA	14024	1610	17	NH
XU7VK	14004	2147	27	FL
YI9CW	14006	1811	22	IA
YS1DRF	14001	0031	19	CA
YS1DRF	14005	1432	18	NH
YS1XS	14015	0020	24	FL
YV3JZ	14011	0747	24	CA
Z31GX	14018	2240	15	MI
Z32MF	14015	2320	18	MI
ZP5KO	14038	2331	19	GA
ZS6ME *	14011	0803	24	CA
ZS6UT	14014	0829	24	CA

20 Meter SSB

4J3M	14190	2041	16	MD
4K2BY	14237	0206	22	IA
4S7DA	14201	0113	20	MD
7X2LS	14227	2340	21	FL
8P6AW	14214	2330	20	MD
9K2ZZ	14201	0220	22	IA
C31HK	14213	0550	21	MA
CP1FF	14250	0100	18	CA
EA3CB	14245	0515	23	CA
EA8BYR	14226	0122	20	MD
EXØM	14193	0215	22	IA
FH5CB	14258	0356	21	MA
GDØPLT	14246	0000	21	MD
GM4NFD	14195	0740	21	CA
HC6CR	14212	0245	16	CA
HV1CN	14250	0057	15	VA
J5UAB	14238	1939	13	MD
JWØH	14213	1523	20	MD
LZ1KOZ	14210	1927	20	MD
NH2G	14216	1222	18	MD
OM3KFF	14205	2205	19	MD
OM3ZJW	14218	0521	23	CA
OX3KG	14204	1234	21	IA
OY1HJ	14230	2224	12	MD
R1RJC	14243	2214	19	MD
SØ1MZ	14213	1106	19	MD
S51JX	14226	2159	19	MD
S92LB	14166	2055	16	MD
T94ON	14225	1947	20	MD
T95X	14197	0545	21	KS
TA2DS	14195	0046	17	MD
TA2II	14222	2203	19	MD
TG9GI	14225	1524	21	MD
UAØICC	14195	1206	20	MA
UX7MM	14195	0312	14	VA
V73C	14260	0235	16	CA
V73OR	14202	0530	23	CA
V73OR	14165	1211	18	MD

V85AA	14226	1500	22	CA
VR6AB	14226	0431	23	IL
VR6BX	14249	0233	17	MD
ZK1OEM	14196	0238	16	MD
ZL2FS	14225	0149	19	MD

17 Meter CW

5W1GC	18070	0229	22	FL
9K2MU	18082	1702	14	NH
A35RK	18070	2125	18	SC
EA8CN	18073	1927	19	SC
GD3AHV	18074	2230	18	SC
HI/DL5PV	18072	1650	22	FL
HP2CWB	18070	2118	22	SC
KH8BB	18080	0242	22	FL
TU4SR	18075	1820	22	CA
US2WV	18073	1507	23	ID
VP2VE	18082	1913	18	SC
YV6AZC/3	18075	2111	22	SC

17 Meter SSB

HKØTCN	18163	0007	21	MD
OZ1ADL	18125	2055	21	MD
YS1VV	18120	2312	18	SC
ZP6DN	18130	0014	22	MA

15 Meter CW

4X4DK	21006	1505	21	CA
6W1/	21015	1920	22	SC
F5PHW				
A35MW	21021	0255	22	CA
A35RK	21024	2244	21	ID
CP1BA	21028	1445	22	CA
EA8TB	21005	2050	22	SC
HJØVGJ	21027	1931	19	NY
LU1UM	21134	2200	18	MD
PP5WL	21135	2151	18	MD
PZ1DY	21029	1510	22	CA
TG9YV	21024	1701	22	FL
Ti2ELC	21126	2045	20	MD
TR8LT	21006	1653	22	FL

15 Meter SSB

5Z4DU	21341	2020	21	KS
LZ1KOZ	21257	2043	21	IA
S92YL	21267	1935	21	KS
VK2QG	21275	0208	21	MD
VK4FM	21218	2038	21	IA
VK9NS	21260	0325	21	MA
ZB2JO	21275	2050	21	IA

12 Meter CW

A35RK	24895	2351	22	ID
TL8NG	24901	1630	21	FL

10 Meter CW

PY1QP	28025	2123	22	SC
TR8XX	28014	1656	14	GA

10 Meter SSB

Ti2JJP	28365	2345	20	CA
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Current and Future DXpeditions

(Changes and hot info in boldface.)

<u>DXCC Country</u>	<u>Prefix</u>	<u>Callsign</u>	<u>Dates</u>	<u>Issue</u>
Aland island	OH0	DLs	to June 12	I741
Angola	D2	HB9AMO	to July	I740
Aruba	P4	P40XJ	June 16-23	I739
Barbados	8P	8P9GQ	May 14-June 4	I735/6
Belau	KC6/	SM6FJY	July 11-24	I741
Belize	V3	V31PA	to Sept.	I740
Benin	TY	TY1IJ	to July	I741
Cambodia	XU	XU7VK	to Feb. '95	I724
Cayman Islands	ZF	ZF2GT	June 23-30	I741
Chad	TT	TT8PS	to Aug.	I740
Corsica	TK/IK2	QIN/p	June 15-20	I741
French Guiana	FY/DJ0	PJ	to June 5	I741
French Polynesia	FO	FO5VO	to June	I738
	FO0	MIZ/AKI	May 28-June 11	I740/1
Gambia	C56/G0	UCT DK2OC	to June 17	I741
Guam	KH2/	SM6FJY	June 27-July 10	I741
Guantanamo Bay	KG	KG4GC?	June 10-16	I740
Guernsey	GU/	DLs	June 1-21	I739
Iraq	YI9	CW	18074 14-16Z	I732
Jordan	JY	JY8s	May 29-June 27	I740
Kerguelen	FT	FT5XJ	14188 18Z	I737
Liechtenstein	HB0/DA1	WA	to June 8	I741
	HB0/PA	s	July 6-11	I741
Malta	9H	PA	June 24-July 4	I736
Marianas	KH0/SM6	FJY	June 13-26	I741
Micronesia	V6	V63s	June 8-17	I735
Mozambique	C9	C93BQ	to mid-June	I741
Niger	5U	5U7Y	now active	I726
Nigeria	5N0/DL9	GMM	to Dec.	I731
North Cooks	ZK1	AT	3784 07Z Sun.	I729
St. Paul Island	CY9/	Ws	June 10-19	I736
	CY9/	N0TG	Sept. 19-25	I741
St. Pierre & Miquelon	FP/KA1	NCN	July 19-25	I739
		by VE	June 1-8	I740
Senegal	6W1/F5	PHW	to June 8	I740
Solomons	H44/JA1	OEM	to June 10	I741
Sri Lanka	4S7/ON4	IPA	to August	I736
Svalbard	JW	JW5EBA	Jan.-June	I719
Tajikistan	EY	EY8MM	3505/3795 02Z	I729
Tonga	A3	A35RK	May 5-June 18	I736/9
Trindade Island	PY0	PY0TUP	Apr.-Aug.	I731
Yemen	7O	7O1AA	14243 1500Z	I738
Zone 2	VE8/VE2	BQB	to Nov.	I740

Operating Events and DX Gatherings

<u>Dates</u>	<u>Event</u>	<u>Reference:</u>
June 11-12	ANARTS RTTY Contest	Digital Journal
June 11-12	South American CW DX Contest	CQ
June 18-19	All Asian CW DX Contest	CQ
July 2-3	Venezuelan SSB Contest	CQ
July 9-10	IARU HF Championship	QST
July 9-10	BARTG AMTOR/PACTOR	Digital Journal

Resident Amateurs on Regularly

<u>DXCC Country</u>	<u>Callsign</u>	<u>Freq.</u>	<u>UTC</u>
160 meters	VK4YB	1830±	1100Z Tues.
Faroës	OY1CT	14228±	2200Z+
Franz Josef Land	R1FJC	14005	2200Z+
French Polynesia	FO5OU	20M CW	01-0400Z
Indonesia	YC9XR	7009	11-1300Z
Ivory Coast	TU4SR	18075±	1800Z+
Kuwait	9K2ZZ	14006	21Z+ Sat.
Kuwait	9K2MU	18081	1700Z+
Moldava	ER1CW	14028	2200Z
Moldava	ER5AL	14004	22-0200Z
Qatar	A71AN	14003±	2030Z+
Reunion Island	FR5DD	20M CW	0330Z
San Andrés Island	HJ0VGJ	21025	1930Z+
Suriname	PZ1DY	21027±	1500Z+
Taiwan	BV4ME	14022±	1200Z



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Tonga	A35MW	21020	0300Z
Western Samoa	5W1GC	7002	10-1100Z

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This Issue made possible by: AA6EE, AB4PW, DXLoggen, DXMB, DXNS, IK2SFZ, JADXXN, K4BAI, K4II, K4IQJ, K5FUV, K5MK, K6IR, K8JLF, KA7T, KM6FW, KM9J, KN4FY, KO3S, KZ0X, N0ABA, N0TG, N2GLH, PA3EYL, W0JRN, W1AW, W1BFT, W1NH, W4VQ, W6AJJ, W6BJI, W6JOX, W6UQF, W8CT, WB3ECU, WB8ZRL, and WU6T. Many thanks!